## A Quick Glance: caBIG Support Service Providers (SSP) Tools and Services

|   | san | Solutions, It | c.<br>Research | jus Solution | uc. | tkag | a Softmate A | Technologian Incare IT, Inc. | es<br>included in the contract of | ECH SOR I | nc.<br>Roxi | EINfOrmativ | 5<br>sent System | nbinant Da | a<br>Scent | send | itidaits<br>Saa | orporation<br>Terps | y's Train   |
|---|-----|---------------|----------------|--------------|-----|------|--------------|------------------------------|---|-----------|-------------|-------------|------------------|------------|------------|------|-----------------|---------------------|-------------|
| Tools (caBIG Bundles and Development Tools)                                     |     |               |                |              |     |      |              |                              |   |           |             |             |                  |            |            |      |                 |                     |             |
|   |     |               |                |              |     |      |              |                              |   |           |             |             |                  |            |            |      |                 |                     |             |
| caBIG® Clinical Trials Suite  |     | х             | Х              |              |     |      | х            |                              |   | Х         |             |             |                  |            |            | Х    |                 | х                   | Х           |
| Cancer Adverse Event Reporting System (caAERS)                                  |     | Х             | Х              | Х            |     | Х    |              |                              |   | Х         |             |             |                  |            |            | Х    |                 | i i                 | Х           |
| Cancer Data Exchange system (caXchange)   |     | Х             | Х              |              |     | Х    | Х            |                              |   | Х         |             |             |                  |            |            | Х    |                 | Х                   | Х           |
| Patient Study Calendar (PSC)  |     | Х             | Х              |              |     | Х    | Х            |                              |   | Х         |             |             |                  |            |            | Х    |                 | Х                   | X           |
| Cancer Central Clinical Participant Registry (C3PR)                             |     | Х             | Х              |              |     | Х    | Х            |                              |   | Х         |             |             |                  |            |            | Х    |                 | Х                   | X           |
| Clinical Data Connector (C3D, OpenClinica, Medidata - Previously C3D Connector) |     | Х             | Х              |              |     |      | Х            |                              |   |           |             |             | Х                |            |            | Х    |                 | Х                   |             |
| caTissue Core and/or Suite  | Х   |               |                | Х            | Х   | Х    | Х            |                              |   | Х         | Х           | Х           | Х                |            |            | Х    |                 | Х                   | Х           |
| Cancer Genome-Wide Association Studies (caGWAS)                                 |     |               |                |              | Х   | Х    |              | Х                            |   | Х         | Х           |             | Х                | Х          | Х          |      |                 |                     | Х           |
| National Biomedical Imaging Archive (NBIA) (Formerly NCIA)                      |     |               |                |              | Х   | Х    |              |                              |   |           |             |             |                  | Х          |            |      |                 | Х                   | Х           |
| Microarray data management system [caArray]                                     | Х   |               |                |              | Х   | Х    | Х            |                              |   | Х         | Х           | Х           | Х                | Х          |            | Х    | Х               | Х                   | Х           |
| Microarray gene expression / sequence data mgmt [geWorkbench]                   |     |               |                |              | Х   |      |              |                              |   | Х         |             |             | Х                | Х          |            | Х    | Х               | Х                   | Х           |
| Clinical Trials Object Data System (CTODS)                                      | Х   | Х             | Х              |              |     | Х    |              |                              |   | X         |             |             |                  |            | Х          | Х    |                 | <del></del>         |             |
| LabViewer (Also called CTODS LabViewer)   | .,  | Х             |                |              | .,  |      | Х            | .,                           |   | Х         |             | .,          | .,               |            | Х          | Х    | .,              | <b>—</b>            | <del></del> |
| caGrid resources  | X   |               | .,             |              | X   | X    |              | X                            | X   | .,        | X           | X           | X                | X          |            | Х    | X               | Х                   | X           |
| caCore (EVS, caDSR, caCore SDK, CSM, caAdaptor, etc) caBIO                      | Х   | х             | Х              |              | Х   | Х    |              | Х                            | Х   | Х         | Х           | Х           | Х                | X          | Х          | Х    | Х               | Х                   | Х           |
| GenePattern   |     |               |                |              | Х   |      |              |                              | Х   |           |             | Х           | Х                | X          |            | Х    |                 | ┢──┼                | Х           |
| caB2B (Bench to Bedside)  |     |               |                |              | X   | Х    |              |                              | ^   |           |             | X           | X                | ^          |            | ^    |                 | х                   | X           |
| calntegrator (Tools/Components)   |     |               | Х              |              | X   |      |              |                              | Х   | Х         |             | ^           | ^                | Х          | Х          |      |                 | X                   | X           |
| caintegrator (100is/components)   | х   |               | X              |              | X   | Х    |              |                              | ^   | X         | х           |             | Х                | X          | X          |      |                 | X                   | X           |
| caTRIP  | X   |               |                |              |     | X    |              |                              | Х   |           |             |             | X                |            |            | Х    |                 |                     |             |
| ProtExpress   | X   |               |                |              |     |      |              |                              |   |           |             |             |                  |            |            |      |                 | х                   |             |
| CPAS  |     |               |                |              |     |      |              |                              |   |           |             |             |                  | Х          |            |      |                 |                     |             |
| ca FE (Function Express)  |     |               |                |              |     |      |              |                              |   |           |             | Х           |                  |            |            |      |                 | i t                 | Х           |
| caMOD   |     |               |                |              |     |      |              |                              |   |           |             |             |                  | Х          |            |      |                 |                     |             |
| caElmir   |     |               |                |              |     |      | Х            |                              |   |           |             | Х           |                  | Х          |            |      |                 | i i                 |             |
| The Cancer Genome Atlas (TCGA)  |     |               |                |              | Х   |      | Х            | Х                            |   | Х         |             |             | Х                | Х          |            |      | Х               | Х                   | Х           |
| Digital Model Repository  |     |               |                |              |     |      |              |                              | Х   | Х         |             |             | Х                |            |            |      |                 | ĺ                   |             |
| COPPA   | Х   |               | Х              | Х            |     | Х    | Х            |                              |   | Х         | Х           |             |                  |            | Х          | Х    |                 | Х                   |             |
| caSEER Data Analytic Services   |     |               |                |              |     | Х    |              | Х                            |   |           |             |             | Х                |            |            |      |                 | ı                   | X           |
| caLIMS2   |     |               |                |              |     |      |              |                              |   | Х         | Х           |             |                  |            |            |      |                 | 1                   |             |
| caNanoLab   |     |               |                |              |     |      |              |                              |   |           |             |             |                  | Х          |            |      |                 |                     |             |
|   |     |               |                |              |     |      |              |                              |   |           |             |             |                  |            |            |      |                 |                     |             |
| caBIG Licensed Service  |     |               |                |              |     |      |              |                              |   |           |             |             |                  |            |            |      |                 | lacksquare          |             |
|   |     |               |                |              |     |      |              |                              |   |           |             |             |                  |            |            |      |                 | <b>├</b>            | <b></b>     |
| Help Desk   | 1   |               |                |              |     |      | <b> </b>     |                              |   |           | <b> </b>    |             |                  |            |            |      |                 | - V                 |             |
| Support for deployed caBIG tools in Life Sciences Bundle                        |     |               |                |              |     |      |              |                              |   | X         |             | Х           |                  |            |            |      |                 | X                   |             |
| Support for deployed caBIG tools in Clinical Trials Bundle                      | -   |               | Х              | Х            |     |      |              |                              |   | X         |             | Х           |                  |            |            |      |                 | X                   |             |
| Support for connecting tools to caGrid Support for tools adaptation processes   | 1   |               | v              | ٨            |     |      | -            |                              |   | X         | -           | X           |                  |            |            |      |                 | X                   |             |
| Support for tools adaptation processes  | 1   |               | Х              |              |     |      |              | -                            |   | ^         |             | ^           |                  |            |            |      |                 |                     |             |
| Adaptation and Enhancement of caBIG® Tools                                      | -   |               |                |              |     |      |              |                              |   |           |             |             |                  |            |            |      |                 | $\leftarrow$        |             |
| Adaptation of existing systems for caBIG® compatibility                         | Х   |               |                |              | Х   | Х    | <b> </b>     | х                            | Х   |           | Х           | Х           |                  | Х          | Х          | Х    |                 | $\overline{}$       |             |
| Custom enhancements to existing caBIG® tools                                    | X   |               |                |              | X   | X    |              | _^                           | X   |           | X           | X           |                  | X          | X          | X    |                 | $\overline{}$       |             |
| De novo development of caBIG®-compatible tools                                  | X   |               |                |              | X   | X    |              | х                            | X   |           | X           | X           |                  | X          | X          | X    |                 | $\overline{}$       |             |
|   |     |               |                |              |     |      |              | <u> </u>                     |   |           |             |             |                  |            |            | - ^  |                 | i                   |             |
| Deployment Support for caBIG® Software Applications                             |     |               |                |              |     |      |              |                              |   |           |             |             |                  |            |            |      |                 | r t                 |             |
|   |     |               |                |              |     |      | •            |                              |   | 1         | •           |             |                  |            |            |      |                 |                     |             |

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|   | SAM | Solutions, N | ic.<br>Research | jus solutiv | inc. | lkc. | d Software health | iethologie<br>icae T. In | es<br>THCTT | ECH Soft. Y | hotie | Informativ | Sent Systers | ns noinant Dat | a<br>Scent | o, Inc. | itildits<br>SRA | arporation<br>Terps | N'S Utall |
|---|-----|--------------|-----------------|-------------|------|------|-------------------|--------------------------|-------------|-------------|-------|------------|--------------|----------------|------------|---------|-----------------|---------------------|-----------|
| Procurement of hardware, operating systems and other software.        | Х   | Х            | Х               |             |      | Х    | Х                 |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   | 1         |
| Installation and configuration of caBIG® software.                    | Х   | Х            | Х               |             |      | Х    | Х                 |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   |           |
| Legacy data transformation and migration.                             | Х   | Х            | Х               | Х           |      | Х    |                   |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   | i         |
| Integration of multiple caBIG® tools & caBIG®-compatible applications | Х   | Х            | Х               | Х           |      | Х    | Х                 |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   | 1         |
| Data management   | Х   | Х            | Х               | Х           |      | Х    |                   |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   |           |
| Security Services   | Х   | Х            |                 | Х           |      | Х    |                   |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   |           |
| Applications hosting  | Х   | Х            | Х               | Х           |      | Х    | Х                 |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   |           |
| Performance tuning and/or Network connectivity                        | Х   | Х            | Х               |             |      | Х    | Х                 |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   | i         |
| Maintenance of web server/database and application-specific IT tasks  | Х   | Х            | Х               |             |      | Х    | Х                 |                          |             | Х           |       | Х          | Х            |                |            | Х       | Х               | Х                   | i         |
|   |     |              |                 |             |      |      |                   |                          |             |             |       |            |              |                |            |         |                 |                     | i         |
| Documentation and Training Materials and Services                     |     |              |                 |             |      |      |                   |                          |             |             |       |            |              |                |            |         |                 |                     | i         |
| Development of documentation materials                                |     |              |                 | Х           |      |      |                   |                          |             | Х           |       | Х          |              |                | Х          | Х       |                 |                     | i         |
| Development of training materials                                     |     | Х            |                 | Х           |      |      |                   |                          |             | Х           |       | Х          |              |                | Х          |         |                 | Х                   | Х         |
| Provision of training services for caBIG® software (tools)            |     | Х            |                 |             |      |      |                   |                          |             | Х           |       | Х          |              |                | Х          |         |                 | Х                   | Х         |
| Provision of training services related to caBIG® compatibility        |     | Х            |                 |             |      |      |                   |                          |             | Х           |       | Х          |              |                | Х          |         |                 | Х                   | Х         |
| Training in the use of caCORE infrastructure                          |     |              |                 |             |      |      |                   |                          |             | Х           |       |            |              |                | Х          |         |                 | Х                   | Х         |
| Technical mentoring as a form of training service                     |     | Х            |                 |             |      |      |                   |                          |             | Х           |       | Х          |              |                | Х          | Х       |                 | Х                   | X         |